

What is claimed is:

1. A method of booting an operation system for a computer from a flash card plugged in any socket of an USB card reader, and said method comprises the steps of:
  - 5 providing an USB card reader, said USB card reader having a firmware, said firmware being used to determine if a flash card plugged in one of sockets of said USB card reader having a bootable pattern;
  - 10 providing a flash card compliant with one of formats of said USB readers; said flash card having a bootable pattern in a master boot sector or reserve sector;
  - providing a host connected with said USB card reader, said host having a BIOS supporting said USB card reader booting therefrom and said flash card being plugged in one of said sockets;
  - 15 and
  - replying a logic unit 0 from said firmware of said USB card reader to said host when said host desires booting an operation system from said flash card.
- 20 2. The method of claim 1 when said host requests a bootable pattern from said USB readers, said host handing over a master command to said firmware and a microprocessor of said USB readers.
3. . The method of claim 1 wherein said USB readers at least supports two types selected from the group consisting of compact flash card (CF) type I/II, memory stick (MS), multimedia card (MMC), secure digital card (SD), smart media card (SMC).
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